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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/605,325	09/23/2003	JIAHN-LIN LEE	11467-US-PA	2324

31561 7590 03/14/2005

JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE  
7 FLOOR-1, NO. 100  
ROOSEVELT ROAD, SECTION 2  
TAIPEI, 100  
TAIWAN

EXAMINER

DUONG, TAI V

ART UNIT PAPER NUMBER

2871

DATE MAILED: 03/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/605,325

Applicant(s)

LEE, JIAHN-LIN

Examiner

Tai Duong

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 February 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) 5-7 and 9-27 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 9/23/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Applicant's election of Species A of Group I (claims 2 and 3) in the reply filed on 02/04/05 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claims 5-7 and 9-27 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to nonelected species and invention, there being no allowable generic or linking claim.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Von Gutfeld cited by Applicant.

Note Figs. 1-3 which identically disclose the claimed liquid crystal display, comprising two substrates (1a, 1b), being spaced apart in parallel; an enclosed wall structure (3 or 3a) provided in between said two substrates, wherein the enclosed wall structure and said two substrates form a first enclosed space; a sealant (2ab or 2) , formed outside said enclosed wall structure between said two substrates, wherein said sealant and said two substrates form a second enclosed space; a liquid crystal layer 4, formed in said first enclosed space between said two substrates; and at least a thin film transistor (not shown), being formed in said first enclosed space on one of said two

substrates and the sealant 2 comprising a light hardening adhesive ( col. 1, lines 13-25; col. 3, line 58 – col. 4, line 63; col. 5, lines 6-11).

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Sakai et al.

Note Fig. 6 which identically disclose the claimed liquid crystal display, comprising two substrates (2a, 2b), being spaced apart in parallel; an enclosed wall structure 6 provided in between said two substrates, wherein the enclosed wall structure and said two substrates form a first enclosed space; a sealant 11, formed outside said enclosed wall structure between said two substrates, wherein said sealant and said two substrates form a second enclosed space; a liquid crystal layer 7, formed in said first enclosed space between said two substrates; and at least a thin film transistor (not shown), being formed in said first enclosed space on one of said two substrates (col. 2, lines 32-34; col. 4, lines 17-20; col. 5, line 26 – col. 6, line 51).

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-4 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sakai et al in view of Fujimura et al.

The only differences between the LCD of Fujimura et al and that of the instant claims are the enclosed wall structure comprising a conductive wall for electrically conducting the two substrates, and a plurality of conductive walls. Fujimura et al

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disclose in Figs. 1 and 2 an enclosed wall structure 11 comprising a plurality of conductive walls 13 for electrically conducting the two substrates (col. 5, line 21 – col. 8, line 10). Thus, it would have been obvious to a person of ordinary skill in the art in view of Fujimura et al to employ an enclosed wall structure comprising a plurality of conductive walls in Sakai's LCD for electrically conducting the two substrates with simple structure (fewer elements) since the conductive walls also function as supporting spacers.

Any inquiry concerning this communication should be directed to Tai Duong at telephone number (571) 272-2291.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.



TOANTON  
PRIMARY EXAMINER



TVD

03/05